

Amendments to the Claims

1 1. (currently amended) A method for transmitting a video over a network as
2 a bit stream of packets, comprising:
3 receiving in a sender subsystem from a receiver subsystem real-time
4 feedback information on conditions of the network while transmitting the
5 packets by the sender subsystem;
6 determining a probability of packet loss based on the real-time
7 ~~feedback~~; feedback in the sender subsystem; and
8 generating redundant packets for selected packets of the bit stream in
9 the sender subsystem if the probability of packet loss is greater than a
10 predetermined threshold.

1 2. (original) The method of claim 1, in which the conditions include packet
2 loss rate, available bandwidth, and round-trip latency.

1 3. (original) The method of claim 1, in which the selected packet is a header
2 packet of an I-frame.

1 4. (original) The method of claim 1, in which the selected packet is a header
2 packet of an P-frame.

1 5. (original) The method of claim 1, in which the redundant packet is
2 transmitted before an original copy of the corresponding packet.

- 1 6. (original) The method of claim 1, in which the redundant packet is
- 2 generated according to a frame type and a position of the original packet in
- 3 the frame, and the redundant packet is transmitted after an original copy of
- 4 the corresponding packet.